

DMR Copy of Record

Permit					
Permit #:	CO0032999	Permittee:	Littleton/Englewood Cities of	Facility:	LITTLETON/ENGLEWOOD, CITIES OF
Major:	Yes	Permittee Address:	2900 S Platte River Dr Englewood, CO 80110	Facility Location:	2900 SOUTH PLATTE RIVER DR ENGLEWOOD, CO 80110
Permitted Feature:	001 External Outfall	Discharge:	001-A Discharge to S Platte River <34 MGD		

Report Dates & Status					
Monitoring Period:	From 12/01/16 to 12/31/16	DMR Due Date:	01/28/17	Status:	NetDMR Validated

Considerations for Form Completion
 Oil and grease - see I.A.1, pg 2. If no chlorine was used, report "NCT" (no chlorine treatment). Antidegradation limits - see I.C.1, pg 19. Report influent samples on DMR marked 300I.

Principal Executive Officer					
First Name:		Title:		Telephone:	
Last Name:					

No Data Indicator (NODI)
 Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type			
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units	
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample						=	16.8		=	17.4	04 - deg C	99/99 - Continuous	RC - Recorder (auto)		
					Permit Req.															
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample						=	7.1		=	7.4	12 - SU	05/WK - Five Per Week	GR - GRAB		
					Permit Req.						>=	6.5 MINIMUM		<=	9 MAXIMUM	12 - SU	05/WK - Five Per Week	GR - GRAB		
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample						=	2		=	2	19 - mg/L	01/01 - Daily	CP - COMPOS		
					Permit Req.						<=	30 30DA AVG		<=	45 MX 7D AV	19 - mg/L	02/07 - Twice Every Week	CP - COMPOS		
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	12	--	Sample						=	1.6		=	2	19 - mg/L	01/01 - Daily	CP - COMPOS		
					Permit Req.						<=	7.3 30DA AVG		<=	18 DAILY MX	19 - mg/L	01/01 - Daily	CP - COMPOS		
					Value NODI															
00615	Nitrogen, nitrite total [as N]	1 - Effluent Gross	0	--	Sample									=	0.31	19 - mg/L	01/01 - Daily	CP - COMPOS		
					Permit Req.															
					Value NODI															
00620	Nitrogen, nitrate total [as N]	1 - Effluent Gross	0	--	Sample									=	14.8	19 - mg/L	01/01 - Daily	CP - COMPOS		
					Permit Req.															
					Value NODI															
00640	Nitrogen, inorganic total	1 - Effluent Gross	12	--	Sample		=	2920	26 - lb/d					=	16.7	19 - mg/L	01/01 - Daily	CP - COMPOS		
					Permit Req.		<=	8322 DAILY MX	26 - lb/d				<=	29.3 DAILY MX	19 - mg/L	01/01 - Daily	CP - COMPOS			
					Value NODI															
00718	Cyanide, weak acid, dissociable	1 - Effluent Gross	0	--	Sample															
					Permit Req.								<=	6.2 DAILY MX	28 - ug/L	01/07 - Weekly	CP - COMPOS			
					Value NODI															
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	--	Sample								=	95	28 - ug/L	01/07 - Weekly	CP - COMPOS			
					Permit Req.								<=	300 30DA AVG	28 - ug/L	01/07 - Weekly	CP - COMPOS			
					Value NODI															
01323	Selenium, potentially dissolved	1 - Effluent Gross	0	--	Sample								=	1.11	28 - ug/L	01/07 - Weekly	CP - COMPOS			
					Permit Req.								<=	4.6 30DA AVG	28 - ug/L	02/30 - Twice Per Month	CP - COMPOS			
					Value NODI															
					Sample							=	1.91	28 - ug/L	02/30 - Twice Per Month	CP - COMPOS				

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Major:	Yes	Permittee Address:	2900 S Platte River Dr Englewood, CO 80110	Facility Location:	2900 SOUTH PLATTE RIVER DR ENGLEWOOD, CO 80110
Permitted Feature:	001 External Outfall	Discharge:	001-AX Chronic WET Testing for 001A		

Report Dates & Status					
Monitoring Period:	From 10/01/16 to 12/31/16	DMR Due Date:	01/28/17	Status:	NetDMR Validated

Considerations for Form Completion
 Rpt lowest % at which statistically signif diff in lethality control (LOEC) & any concentration less than of equal to the IWC using test code "S". Rpt IC25 using test code "P". Use test code "T" to report highest % lethality reported for IC25 and stat signif diff for ceriodaphnia & pimephales.

Principal Executive Officer					
First Name:				Title:	
Last Name:				Telephone:	

No Data Indicator (NODI)
 Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3
61426	Toxicity [chronic], Ceriodaphnia dubia	P - See Comments	0	--	Sample					>	100					2G - tox chronic	01/90 - Quarterly	03 - COMP-3
					Permit Req.						Req Mon SINGSAMP					2G - tox chronic	01/90 - Quarterly	03 - COMP-3
					Value NODI													
61426	Toxicity [chronic], Ceriodaphnia dubia	S - See Comments	0	--	Sample					>	100					2G - tox chronic	01/90 - Quarterly	03 - COMP-3
					Permit Req.						Req Mon SINGSAMP					2G - tox chronic	01/90 - Quarterly	03 - COMP-3
					Value NODI													
61428	Toxicity [chronic], Pimephales promelas [Fathead Minnow]	P - See Comments	0	--	Sample					>	100					2G - tox chronic	01/90 - Quarterly	03 - COMP-3
					Permit Req.						Req Mon SINGSAMP					2G - tox chronic	01/90 - Quarterly	03 - COMP-3
					Value NODI													
61428	Toxicity [chronic], Pimephales promelas [Fathead Minnow]	S - See Comments	0	--	Sample					>	100					2G - tox chronic	01/90 - Quarterly	03 - COMP-3
					Permit Req.						Req Mon SINGSAMP					2G - tox chronic	01/90 - Quarterly	03 - COMP-3
					Value NODI													
TCP3B	%Effect Static Renewal 7 Day Chronic Ceriodaphnia dubia	P - See Comments	0	--	Sample					>	100					23 - %	01/90 - Quarterly	03 - COMP-3
					Permit Req.						Req Mon SINGSAMP					23 - %	01/90 - Quarterly	03 - COMP-3
					Value NODI													
TCP3B	%Effect Static Renewal 7 Day Chronic Ceriodaphnia dubia	S - See Comments	0	--	Sample					>	100					23 - %	01/90 - Quarterly	03 - COMP-3
					Permit Req.						Req Mon MN VALUE					23 - %	01/90 - Quarterly	03 - COMP-3
					Value NODI													
TCP3B	%Effect Static Renewal 7 Day Chronic Ceriodaphnia dubia	T - See Comments	4	--	Sample					>	100					23 - %	01/90 - Quarterly	03 - COMP-3
					Permit Req.						Req Mon MN VALUE					23 - %	01/90 - Quarterly	03 - COMP-3
					Value NODI													
TCP6C	%Effect Statre 7Day Chronic Pimephales	P - See Comments	0	--	Sample					>	100					23 - %	01/90 - Quarterly	03 - COMP-3
					Permit Req.						Req Mon SINGSAMP					23 - %	01/90 - Quarterly	03 - COMP-3
					Value NODI													
TCP6C	%Effect Statre 7Day Chronic Pimephales	S - See Comments	0	--	Sample					>	100					23 - %	01/90 - Quarterly	03 - COMP-3
					Permit Req.						Req Mon MN VALUE					23 - %	01/90 - Quarterly	03 - COMP-3
					Value NODI													
TCP6C	%Effect Statre 7Day Chronic Pimephales	T - See Comments	4	--	Sample					>	100					23 - %	01/90 - Quarterly	03 - COMP-3
					Permit Req.						Req Mon MN VALUE					23 - %	01/90 - Quarterly	03 - COMP-3
					Value NODI													

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.

Comments

Attachments		
Name	Type	Size
CO0032999_WET_2016_04Q.pdf	pdf	118897

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Permit					
Permit #:	CO0032999	Permittee:	Littleton/Englewood Cities of	Facility:	LITTLETON/ENGLEWOOD, CITIES OF
Major:	Yes	Permittee Address:	2900 S Platte River Dr Englewood, CO 80110	Facility Location:	2900 SOUTH PLATTE RIVER DR ENGLEWOOD, CO 80110
Permitted Feature:	001 External Outfall	Discharge:	001-Q Quarterly Monitoring for 001		

Report Dates & Status					
Monitoring Period:	From 10/01/16 to 12/31/16	DMR Due Date:	01/28/17	Status:	NetDMR Validated

Considerations for Form Completion
Antidegradation - see I.C.1, pg 19.

Principal Executive Officer					
First Name:		Title:		Telephone:	
Last Name:					

No Data Indicator (NODI)
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading				Quality or Concentration				# of Ex.	Frequency of Analysis	Sample Type			
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2				Value 2	Qualifier 3	Value 3
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample					=	101				19 - mg/L	01/01 - Daily	CP - COMPOS	
					Permit Req.						Req Mon QRTR AVG				19 - mg/L	01/90 - Quarterly	CP - COMPOS	
					Value NODI													
00940	Chloride [as Cl]	P - See Comments	0	--	Sample					=	114				28 - ug/L	01/90 - Quarterly	CP - COMPOS	
					Permit Req.						Req Mon ROLL AVG				28 - ug/L	01/90 - Quarterly	CP - COMPOS	
					Value NODI													
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample					=	123				28 - ug/L	01/07 - Weekly	CP - COMPOS	
					Permit Req.						Req Mon QRTR AVG				28 - ug/L	01/90 - Quarterly	CP - COMPOS	
					Value NODI													
00980	Iron, total recoverable	P - See Comments	0	--	Sample					=	125				28 - ug/L	01/90 - Quarterly	CP - COMPOS	
					Permit Req.						Req Mon ROLL AVG				28 - ug/L	01/90 - Quarterly	CP - COMPOS	
					Value NODI													
01220	Chromium, hexavalent dissolved [as Cr]	1 - Effluent Gross	0	--	Sample					<	10		<	10	28 - ug/L	01/90 - Quarterly	CP - COMPOS	
					Permit Req.						Req Mon QRTR AVG			Req Mon DAILY MX	28 - ug/L	01/90 - Quarterly	CP - COMPOS	
					Value NODI													
01220	Chromium, hexavalent dissolved [as Cr]	P - See Comments	0	--	Sample					<	10				28 - ug/L	01/90 - Quarterly	CP - COMPOS	
					Permit Req.						Req Mon ROLL AVG				28 - ug/L	01/90 - Quarterly	CP - COMPOS	
					Value NODI													
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample					=	25		=	29	28 - ug/L	01/07 - Weekly	CP - COMPOS	
					Permit Req.						Req Mon QRTR AVG			Req Mon DAILY MX	28 - ug/L	01/90 - Quarterly	CP - COMPOS	
					Value NODI													
01303	Zinc, potentially dissolved	P - See Comments	0	--	Sample					=	25.2				28 - ug/L	01/90 - Quarterly	CP - COMPOS	
					Permit Req.						Req Mon ROLL AVG				28 - ug/L	01/90 - Quarterly	CP - COMPOS	
					Value NODI													
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample					=	7.3		=	10.2	28 - ug/L	01/07 - Weekly	CP - COMPOS	
					Permit Req.						Req Mon QRTR AVG			Req Mon DAILY MX	28 - ug/L	01/90 - Quarterly	CP - COMPOS	
					Value NODI													
39344	.gamma.-BHC	1 - Effluent Gross	0	--	Sample					<	0.02		<	0.02	28 - ug/L	01/90 - Quarterly	CP - COMPOS	
					Permit Req.						Req Mon QRTR AVG			Req Mon DAILY MX	28 - ug/L	01/90 - Quarterly	CP - COMPOS	
					Value NODI													
71900	Mercury, total [as Hg]	1 - Effluent Gross	0	--	Sample					<	0.007				28 - ug/L	01/30 - Monthly	CP - COMPOS	
					Permit Req.						<=	.007 QRTR AVG				28 - ug/L	01/90 - Quarterly	CP - COMPOS
					Value NODI													

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Edit Check Errors
No errors.

Comments

Attachments
No attachments.

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Permit #:	CO0032999	Permittee:	Littleton/Englewood Cities of	Facility:	LITTLETON/ENGLEWOOD, CITIES OF
Major:	Yes	Permittee Address:	2900 S Platte River Dr Englewood, CO 80110	Facility Location:	2900 SOUTH PLATTE RIVER DR ENGLEWOOD, CO 80110
Permitted Feature:	300 Influent Structure	Discharge:	300-I Influent Measurements		

Report Dates & Status					
Monitoring Period:	From 12/01/16 to 12/31/16	DMR Due Date:	01/28/17	Status:	NetDMR Validated

Considerations for Form Completion
 Influent samples must be collected, analyzed and reported monthly regardless of whether an effluent discharge occurs. Hydraulic capacity = 50 MGD; organic capacity = 96,825 lbs BOD-5/Day.

Principal Executive Officer					
First Name:		Title:		Telephone:	
Last Name:					

No Data Indicator (NODI)
 Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	--	Sample	=	55300	=	56400	26 - lb/d			=	316	=	323	19 - mg/L	01/01 - Daily	CP - COMPOS
					Permit Req.		Req Mon 30DA AVG		Req Mon MX 7D AV	26 - lb/d				Req Mon 30DA AVG		Req Mon MX 7D AV	19 - mg/L	02/07 - Twice Every Week	CP - COMPOS
					Value NODI														
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample							=	260	=	273	19 - mg/L	01/01 - Daily	CP - COMPOS	
					Permit Req.							Req Mon 30DA AVG		Req Mon MX 7D AV	19 - mg/L	02/07 - Twice Every Week	CP - COMPOS		
					Value NODI														
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	--	Sample	=	21	=	22.3	03 - MGD							99/99 - Continuous	RC - Recorder (auto)	
					Permit Req.		Req Mon 30DA AVG		Req Mon DAILY MX	03 - MGD							99/99 - Continuous	RC - Recorder (auto)	
					Value NODI														
80082	BOD, carbonaceous [5 day, 20 C]	G - Raw Sewage Influent	0	--	Sample							=	260	=	268	19 - mg/L	01/01 - Daily	CP - COMPOS	
					Permit Req.							Req Mon 30DA AVG		Req Mon MX 7D AV	19 - mg/L	02/07 - Twice Every Week	CP - COMPOS		
					Value NODI														

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 No errors.

Comments

Attachments
 No attachments.

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 Littleton/Englewood Cities of

User:	dwstowe	Date/Time:	2017-01-27 14:05 (Time Zone: -07:00)
Name:	Dennis Stowe		
E-Mail:	dstowe@englewoodco.gov		